# EXHIBIT 4

ITU International Telecommunication Union Talecommunication Standardization Sector

150 informational Organization for Standardization

IEC international Electrologistical Commission







I rue de Varembo CH-1211 Geneva 20

Switzerland Pax: +41 22 734 1079

19 déc 2003 H264-30

### Patent Statement and Licensing Declaration

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Director Telecontramication Standardization Bureau International Telecommunication Union	Place des Nations CH-1211 Geneva 20, Sub-scriand Pax: +61 22 730 5853	Scenetary Concert  International Organization for Standardization
Patent Holder/Organization:		

Patent 1	Holder/Orga	nization:					
Legal N	ame	General Instrumen	t Corporation				
Contact	t for license :	application:			-		
Name &		Paul Bawel	•		h	8202	_
Departu		Law Department		· · · · · · · · · · · · · · · · · · ·	4	8	
Address	,	101 Tournament Drie					
<b>.</b> .		Horshem, PA 19944	USA				
Tel.		215.323.1907					
Fax		215.323.1300		·		<del></del>	
E-mail		<del></del>					
		ation   ISO/IEC Int	erpational Standard:	H264-30			
Number	•		14+ · · · · · · · · · · · · · · · · · · ·	11-01		<del></del>	
Title			· · · · · · · · · · · · · · · · · · ·				
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			ot on ITU-T Patent Polic				
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	• •	•					
	1. Th	e Patent Holder will	grant a royalty-free lice	oso to an unrestricte	d nupi	iber of app	licants on
لننا	a worldwid	le, non-discriminato	ry basis to use the patent	od material necessar	y in o	nder to ma	nufacture
	use, and/or	sell implementation	as of the above ITU-T Re	commendation   130		Internation	nai
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	the above i	10-1 Kecommends	Mon   190/166 Internant	mai Standaro.			l
民河	2. Th	e Patent Holder Will	grant a license to an una	estricted number of	applic	cants on a	I
			basis and on reasonable				nted
	material ne	cessary in order to	r±nufactore, use, and/or	sell implementation	s of th	e above lT	U-T
	Recommen	dation   ISO/IEC L	tecnational Standard. Mi	ark here X if the Pa	tent fl	lolder's wi	llingness
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		al Standard.*					
	_	is of licenses are 1:f	to the parties concerned	l and are performed	outsid	le the ITU-	Ti
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	are affe						
			claims covering the ITU-	T Recommendation	ISO	/IEC Inten	national
	Standar	•	<b>5</b>		•		

1PR\Common text patent 15 June 02

\* "Reciprocity" means with respect to other parties that have a patent or patent claim required in the use or implementation of the relevant ITU-T Recommendation(s) | ISO/IEC International Standard(s), the Patent Holder shall only be required to license to such parties if they are willing to license their patents or patent claims under options 1 or 2 of the Patent Statement and Licensing Declaration.

)

Organization General Instrument Corporation Name of authorized

person

Title of authorized berson

Sector IP Law Director

Signature

Piace, Date Mortham, on 1 Decumber 2802

IPR\Common text patent 15 June 02

Recommendation

number:

**T-REC-H.264** 

Statement Id:

H264-30

holder/Organization: General Instrument Corp

Main contact:

Mr. Paul Bawel, Director, Law department

101 Tournament Drive

Address:

Horsham, PA 19044

United States

Tel. No.: Fax. No.: +1 215 323 1907 +1 215 323 1300

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version:

15 June 2002 (Common Text)

Option 2 The Patent Holder will grant a license to an unrestricted number of applicants on a worldwide, nondiscriminatory basis and on reasonable terms and conditions to use the patented material necessary in order to manufacture, use, and/or sell implementations

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of the above ITU-T Recommendation | ISO/IEC International Standard. The patent Holder's willingness to license is conditioned on reciprocity for the above ITU-T Recommendation | ISO/IEC International Standard. Negotiations of licenses are left to the parties

concerned and are performed out side the ITU-T | ISO/IEC.

Patent info:

None

**ITU-T** registration

2003-12-19

date:

Statement

2003-12-02

declaration date:

(Note by TSB): General instrument corporation is a wholly owned

subsidiary of Motorola. Motorola submitted the statement H264-91

Statement remarks: on 2008-11-03 to provide updated information relative to this

statement (see H264-91).

Recommendation

number:

**T-REC-H.264** 

Statement Id:

H264-30

Patent

General Instrument Corp

holder/Organization: Main contact:

Mr. Paul Bawel, Director, Law department

101 Tournament Drive

Address:

Horsham, PA 19044

United States

Tel. No.:

+1 215 323 1907 +1 215 323 1300

Fax. No.:

**Declaration form** 

15 June 2002 (Common Text)

version:

Option 2 The Patent Holder will grant a license to an unrestricted number of applicants on a worldwide, nondiscriminatory basis and on reasonable terms and conditions to use the patented material necessary in order to manufacture, use, and/or sell implementations of the above ITU-T Recommendation | ISO/IEC International

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concerned and are performed out side the ITU-T | ISO/IEC.

#### Patent info:

None

ITU-T registration

2003-12-19

date:

Statement

2003-12-02

declaration date:

(Note by TSB): General instrument corporation is a wholly owned subsidiary of Motorola. Motorola submitted the statement H264-91

on 2008-11-03 and the statement H264-101 on 2010-12-09 to

Statement remarks:

provide updated information relative to this statement (see H264-91

and H262-101).

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None	H.264 (2005) Amd.3	Motorola Inc.		2007-08-10	28 June 2006 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264- 101-01	H.264	Motorola Mobility, Inc	6987888	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-02	H.264	Motorola Mobility, Inc	7421025	2010-12-09	l March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-03	H.264	Motorola Mobility, Inc	7310375	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-04	H.264	Motorola Mobility, Inc	7310374	2010-12-09	l March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-05	H.264	Motorola Mobility, Inc		2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
11264- 101-06	Н.264	Motorola Mobility, Inc	7310377	2010-12-09	1 March 2007 (Individual,	Option 2 The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a	Ray Warren, Law

÷.				:	Common Text, General)	worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Department
H264- 101-07	H.264	Moterola Mobility, Inc	7477690	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-08	H.264	Motorola Mobility, Inc	7817718	2010-12-09	I March 2007 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
11264- 101-09	11.264	Motorola Mobility, Inc	7769087	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2. The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-10	H.264	Motorola Mobility, Inc	7660353	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 101-11	Н.264	Motorola Mobility, Inc	7162094	2010-12-09	1 March 2007 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ray Warren, Law Department
H264- 81-01	H.264	Motorola Inc.	6005 980	2007-08-20	1 March 2007 (Individual, Common Text, General)	Option 2 The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	
H264- 81-02	H.264	Motorola Inc.	6 980 596	2007-08-20	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

						outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	
H264- 81-03	H.264	Motorola Inc.	5235419	2007-08-20	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264- 91-01	H.264	Motorola Inc.	7162094	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264- 91-02	H.264	Motorola Inc.	RE 38564	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264- 91-03	H.264	Motorola Inc.	5 376 968	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264- 91-04	H.264	Motorola Inc.	6 807 317	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.
H264- 91-05	H.264	Motorola Inc.	6 836 514	2008-11-03	1 March 2007 (Individual, Common Text, General)	Option 2_ The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document. Negotiations are left to the parties concerned and are performed outside the ITU-T, ITU-R, ISO or IEC. The Patent Holder's willingness to license is conditioned on reciprocity for the above document.	Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

Recommendation

**T-REC-H.264** 

Statement Id:

H264-81

Patent

number:

Motorola Inc.

holder/Organization:

Main contact: Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

1303 E. Algonquin Road

Address:

Schaumburg, IL 60196

**United States** 

Tel. No.: Fax. No.: +1 847 576 3055 +1 847 538 3666

**Declaration form** 

version:

Licensing

declaration:

1 March 2007 (Individual, Common Text, General)

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IEC. The Patent Holder's willingness to license is conditioned on

reciprocity for the above document.

#### Patent info:

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
6005 980		us		Motion estimation and compensation of video object planes for interlaced digital video	Granted		H264- 81-01	
6 980 596		us		Macroblock level adaptive frame/field coding for digital video content	Granted		H264- 81-02	

5235419 US	Adaptive Granted compensation	H264- 81-03
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**ITU-T** registration

2007-08-20

Statement

date:

2007-08-10

declaration date:

The statement provides the complementary information to the statment **Statement remarks:** H264-30 submitted on 19 December 2003.

# Patent Statement and Licensing Declaration Form for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable







# Patent Statement and Licensing Declaration for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable

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 Standardization Bureau
 International Telecommunication
Union

Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5853

Fax: +41 22 730 5853 Email: tsbdir@itu.int Director

Radiocommunication Bureau International Telecommunication Union

Union Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 730 5785

Email: bmail@itu.int

Secretary-General

International Organization for Standardization 1 Chemin de la Voie-Creuse CH-1211 Geneva 20 Switzerland Fax: +41 22 733 3430

Email:

patent.statements@iso.org

General Secretary

inmail@icc.ch

International Electrotechnical Commission 3 rue de Varembé CH-1211 Geneva 20 Switzerland Fax: +41 22 919 0300 Email:

Patent Holder:					
Legal Name	Motorola, Inc				
Contact for license a	pplication:				
Name & Department	Latonia Gordon, Intellectual Property and Licensing Dept.				
Address	1303 E. Algonquin Road, Schaumburg, IL 60196				
m-1	11 047 574 2055				
Tel.	+1 847-576-3055				
Fax	+1 847-538-3666				
E-mail	Latonia.Gordon@Motorola.com				
URL (optional)					
Document type:					
ITU-T Rec. (*)	ITU-R Rec. (*) ISO Deliverable (*) IEC Deliverable (*				
(please return the form	to the relevant Organization)				
	twin text (ITU-T Rec.   ISO/IEC Deliverable (*)) (for common text or twin text, please n of the three Organizations: ITU-T, ISO, IEC)				
☐ ISO/IEC Deliver	able (*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)				
(*)Number	H.264(2005)-update I.D Number:H.264-30 submitted December 19,2003				
(*)Title	Advanced Video Coding for Generic Audiovisual Services,				

Licensing	g declaration:						
required t	The Patent Holder believes that it holds granted and/or pending applications for patents, the use of which would be required to implement the above document and hereby declares, in accordance with the Common Patent Policy for ITU-T/ITU-R/ISO/IEC, that (check one box only):						
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	Also mark here X if i document.	he Patent Holder's willingness to license is conditioned on <u>reciprocity</u> for the above					
	3. The Patent F above.	lolder is unwilling to grant licenses in accordance with provisions of either 1 or 2					
	In this case, the follow as part of this declarat	ring information must be provided to ITU, and is strongly desired by ISO and IEC, ion:					
	- granted patent nu	nber or patent application number (if pending);					
	- an indication of w	hich portions of the above document are affected;					
	- a description of th	e patent claims covering the above document.					
respect to Patent Hol compensat committing of the above	the essential patent. R lder will not seek any ration is called a royalty, g to not charging any rate document sign a lice	of charge" do not mean that the Patent Holder is waiving all of its rights with ather, "free of charge" refers to the issue of monetary compensation; i.e., that the nonetary compensation as part of the licensing arrangement (whether such a one-time licensing fee, etc.). However, while the Patent Holder in this situation is nonetary amount, the Patent Holder is still entitled to require that the implementer case agreement that contains other reasonable terms and conditions such as those f use, reciprocity, warranties, etc.					
any prospe	ective licensee if such p	word "reciprocity" means that the Patent Holder shall only be required to license prospective licensee will commit to license its essential patent(s) or essential patent e same above document free of charge or under reasonable terms and conditions.					
Signature	:						
Patent Hol	lder <u>I</u>	Aotorola, Inc.					
Name of a	uthorized person	onathan Meyer					
Title of au	thorized person	epior Vice-President, Intellectual Property Licensing					
Signature	_	I Mus					
Place, Date		chaumburg, IL, October 29, 2008					

FORM: 1 March 2007

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted	US	7,162,094	Frequency Coefficient Scanning Paths For Digital Video Content
2	Granted	US	RE38564	Motion Estimation And Compensation Of Video Object Planes For Interlaced Digital Video
3	Granted	us	5,376,968	Adaptive Compression Of Digital Video Data

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

# Patent Statement and Licensing Declaration Form for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable







# Patent Statement and Licensing Declaration for ITU-T/ITU-R Recommendation | ISO/IEC Deliverable

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Patent Holder:	
Legal Name	Motorola, Inc
Contact for license a	oplication:
Name & Department	Latonia Gordon, Intellectual Property and Licensing Dept.
Address	1303 E. Algonquin Road, Schaumburg, IL 60196
Tel.	+1 847-576-3055
Fax	+1 847-538-3666
E-mail	Latonia.Gordon@Motorola.com
URL (optional)	
Document type:	
ITU-T Rec. (*)	ITU-R Rec. (*) ISO Deliverable (*) IEC Deliverable (*)
(please return the form	to the relevant Organization)
	twin text (ITU-T Rec.   ISO/IEC Deliverable (*)) (for common text or twin text, please to of the three Organizations: ITU-T, ISO, IEC)
ISO/IEC Deliver	able (*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)
(*)Number	H.264(2005)-update I.D Number:H.264-30 submitted December 19,2003
(*)Title	Advanced Video Coding for Generic Audiovisual Services,

Licensing	g declaration:						
required t	o implement the abo	at it holds granted and/or pending applications for patents, the use of which would be we document and hereby declares, in accordance with the Common Patent Policy for check one box only):					
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$\boxtimes$	<ol> <li>The Patent Holder is prepared to grant a license to an unrestricted number of applicants on a worldwide, non-discriminatory basis and on reasonable terms and conditions to make, use and sell implementations of the above document.</li> </ol>						
	Negotiations are le	ft to the parties concerned and are performed outside the ITU-T, ITU-R, ISO, or IEC.					
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	3. The Paten above.	t Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2					
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	- a description of	the patent claims covering the above document.					
respect to Patent Hol compensal committin of the about	the essential patent. Ider will not seek an tion is called a royal g to not charging an ve document sign a	Rether, "free of charge" refers to the issue of monetary compensation; i.e., that the y monetary compensation as part of the licensing arrangement (whether such ty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is y monetary amount, the Patent Holder is still entitled to require that the implementer license agreement that contains other reasonable terms and conditions such as those to fuse, reciprocity, warranties, etc.					
any prospe	ective licensee if suc	he word "reciprocity" means that the Patent Holder shall only be required to license h prospective licensee will commit to license its essential patent(s) or essential patent f the same above document free of charge or under reasonable terms and conditions.					
Signature	:						
Patent Hol	lder	Motorola, Inc.					
Name of a	uthorized person	Jonathan Meyer					
Title of au	thorized person	Senior, Vice-President, Intellectual Property Licensing					
Signature		Les My					
Place, Date	e (	Schaumburg, IL, October 29, 2008					

FORM: 1 March 2007

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
-	Granted	US	6,807,317	Method And Decoder System For Reducing  Quantization Effects Of A Decoded Image
2	Granted	US	6,836,514	Method For The Detection And Recovery Of Errors In The Frame Overhead Of Digital Video Decoding Systems
3				

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

MOTM\_WASH1823\_ 0000058

Recommendation

**T-REC-H.264** 

Statement Id:

number:

H264-91

**Patent** 

Motorola Inc.

holder/Organization:

Main contact:

Ms. Latonia Gordon, Intellectual Property and Licensing Dept.

1303 E. Algonquin Road

Address:

Schaumburg, IL 60196

United States

Tel. No.: Fax. No.: +1 847 576 3055 +1 847 538 3666

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1 March 2007 (Individual, Common Text, General)

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### Patent info:

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
7620094		US		Frequency coefficient scanning paths for digital video content	Granted		H264- 91-01	
RE 38564		US		Motion estimation and compensation of video object planes for interlaced digital video	Granted	i .	H264- 91-02	
5 376		US		Adaptive	Granted		H264-	

968			compression of digital video data		91-03	
6 807 317	U	S	Method and decoder system for reducing quantization effects of a decoded image	Granted	H264- 91-04	
6 836 514	U	S	Method for the detection and recovery of errors in the frame overhead of digital video decoding systems	Granted	H264- 91-05	

ITU-T registration

date:

2008-11-03

Statement

declaration date:

2008-10-29

Motorola submitted this statement to provide updated information **Statement remarks:** relative to their earlier statement in H.264-30 (submitted 2003-12-19).

Recommendation

**T-REC-H.264** 

number:

Statement Id:

Main contact:

H264-91

**Patent** 

holder/Organization: Motorola Inc.

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#### Patent info:

Patent Number	Application Number	Country	Foreign Counterparts	Title	Status	TSB Remark	TSB Patent Id	TSB Old Patent Id
7162094		US		Frequency coefficient scanning paths for digital video content	Granted		H264- 91-01	
RE 38564		US		Motion estimation and compensation of video object planes for interlaced digital video	Granted		H264- 91-02	
5 376		US		Adaptive	Granted		H264-	

968		compression of digital video data	91-03
6 807 317	US	Method and decoder system for reducing quantization effects of a decoded image	H264- 91-04
6 836 514	US	Method for the detection and recovery of errors in the frame Granted overhead of digital video decoding systems	H264- 91-05

ITU-T registration

date:

2008-11-03

Statement

2008-10-29

declaration date:

Motorola submitted this statement to provide updated information relative to their earlier statement in H.264-30 (submitted 2003-12-19).

### Patent Statement and Licensing Declaration Form for 1TU-T/ITU-R Recommendation ISO/IEC Deliverable



Email: tsbdir@itu.int





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** *	Maria Ara Maria da	CIT 1011 C 20	011 1011 0				

CH-1211 Geneva 20, Place des Nations CH-1211 Geneva 20, Switzerland Fax: +41 22 733 3430 Fax: +41 22 730 5785
Email: <u>htmail@itm.int</u> Switzerland Email: Switzerland Fax: +41 22 730 5853 patent statements@iso.org

CH-1211 Geneva 20 CH-1211 Geneva 20 Switzerland Switzerland Fax: +41 22 919 0300 Email: inmail@iec.ch

Patent Holder:	
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Fax	+1-847-761-4731
E-mail	Ray.Warren@motorola.com
URL (optional)	
Document type:	
ITU-T Rec. (*)	ITU-R Rec. (*) ISO Deliverable (*) IEC Deliverable (*)
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(*)Number	ITU-T H.264(03/2010)
(*)Title	Advanced video coding for generic audiovisual services

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respect to Patent Hol compensate committing of the above	the essential patent der will not seek at ion is called a roya g to not charging at we document sign a	ree of charge" do not mean that the Patent Flolder is waiving all of its rights with Rather, "free of charge" refers to the issue of monetary compensation; i.e., that the sy monetary compensation as part of the licensing arrangement (whether such lty, a one-time licensing fee, etc.). However, while the Patent Holder in this situation is sy monetary amount, the Patent Holder is still entitled to require that the implementer license agreement that contains other reasonable terms and conditions such as those d of use, reciprocity, warranties, etc.							
any prospe	ctive licensee if su	the word "reciprocity" means that the Patent Holder shall only be required to license ch prospective licensee will commit to license its essential patent(s) or essential patent of the same above document free of charge or under reasonable terms and conditions.							
Signature	P 8								
Patent Hol	der	Motorola Mobility, Inc.							
Name of a	uthorized person	Kirk W. Dailey							
Title of an	thorized person	Corporate Vice President							
Signature		and the second second							
Place, Date	:	Libertyville, Illinois, U.S.A., December 8, 2010							
		I I							

FORM: 1 March 2007

No.	Status (granted/ pending)	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted	United States	6987888	FREQUENCY COEFFICIENT SCANNING PATHS FOR CODING DIGITAL VIDEO CONTENT
2	Granted	United States (Japan European Patent Convention)	7421025	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
3	Granted	United States (Japan  European Palent Convention)	7310375	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
4	Granted	United States (European Patent Convention)	7310374	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
5	Granted	United States	7310376	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
6	Granted	United States	7310377	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
7	Grantod	United States (European Patent Convention)	7477690	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
8	Granted	United States (European Patent Convention)	7817718	MACROBLOCK LEVEL ADAPTIVE FRAME/FIELD CODING FOR DIGITAL VIDEO CONTENT
9	Granted	United States (China P.R. European Patent Convention  Republic of Korea Mexico)	7769087	PICTURE LEVEL ADAPTIVE FRAME/FIELI CODING FOR DIGITAL VIDEO CONTENT
10	Granted	United States (China P.R. European Patent Convention  Mexico)	7660353	PICTURE LEVEL ADAPTIVE FRAME/FIELI CODING FOR DIGITAL VIDEO CONTENT
11	Granted	United States	7162094	FREQUENCY COEFFICIENT SCANNING PATHS FOR DIGITAL VIDEO CONTENT

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

MOTM\_WASH1823\_ 0000037

Recommendation

**T-REC-H.264** 

Statement Id:

H264-101

**Patent** 

number:

holder/Organizati Motorola Mobility, Inc

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**United States** 

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#### Patent info:

Patent Numbe r	ia nniicatio		Foreign Counterpar ts	Title	Status	TSB Remark	TSB Paten t Id	TSB Old Paten t Id
698788 8		us		FREQUENCY COEFFICIEN T SCANNING PATHS FOR CODING DIGITAL VIDEO CONTENT	Grante d		H264 -101- 01	
742102 5		us			Grante d	(Japan European Patent Convention)	H264 -101- 02	

		VIDEO CONTENT	
731037 5	US	MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL D CODING FOR DIGITAL VIDEO CONTENT	H264 -101- 03
731037 4	US	MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL Grante (European Patent D CODING FOR DIGITAL VIDEO CONTENT	H264 -101- 04
731037 6	US	MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL Grante D CODING FOR DIGITAL VIDEO CONTENT	H264 -101- 05
731037 7	US	MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL Grante D CODING FOR DIGITAL VIDEO CONTENT	H264 -101- 06
747769 0	US	MACROBLOC K LEVEL ADAPTIVE FRAME/FIEL Grante (European Patent D CODING d Convention) FOR DIGITAL VIDEO CONTENT	H264 -101- 07
781771 8	US	MACROBLOC K LEVEL d (European Patent d Convention)	H264 -101- 08

		FRAME/FIEL				
		D CODING FOR DIGITAL VIDEO CONTENT				
776908 7	US	PICTURE LEVEL ADAPTIVE FRAME/FIEL	Grante d	Patent	H264 -101- 09	
766035 3	US		d	(China P.R. European Patent Convention Mexic o)	H264 -101- 10	
716209 4	US	FREQUENCY COEFFICIEN T SCANNING PATHS FOR DIGITAL VIDEO CONTENT	Grante d		H264 -101- 11	

ITU-T registration 2010-12-09

date:

Statement

declaration date:

2010-12-08

Statement

Motorola submitted this statement to provide updated information relative to their earlier statement in H.264-30 (submitted 2003-12-19) and in in

remarks:

H.264-91 (submitted 2008-11-3).